

## Actual Advertisement

### Web & Mobile QA Tester BGC Engineering Inc.

#### About Us

BGC Engineering Inc. (BGC) is an international consulting firm that provides professional services in applied earth sciences. We work together as one team, with coordination and integration of all offices and disciplines. We are the recipient of the 2019 UBC Science Co-op Employer Recognition Award and a finalist for the 2020 BC Technology Impact Award for Excellence in Technology Adoption. Currently there are over 450 employees, consisting of professional engineers, geoscientists, technicians, software developers, administrators, accountants, health & safety and human resources professionals. BGC has offices in British Columbia, Alberta, Ontario, New Brunswick and Nova Scotia, as well as Colorado, US and Santiago, Chile.

Our flat management structure and unique culture create a work environment where employees can grow professionally, work with fantastic teams and enjoy perks such as lunch time yoga, companywide clubs and mentoring opportunities.

#### Software Development at BGC

The successful applicant will be a part of BGC's software development team working alongside world class engineers and geoscientists to develop safety critical software applications. Apply your software development knowledge to build robust applications that monitor potential geological hazards and risks in real-time. The candidate will have the opportunity to conquer unique challenges developing web applications using a state-of-the-art geographical information system with cloud infrastructures.

To learn more about the software development team at BGC, click here: <http://www.bgcengineering.ca/software>

#### About the Role

- Develop enterprise geohazard management web application using a proprietary JavaScript framework and Esri ArcGIS
- Integrate features with a cross-platform mobile application developed with Xamarin for offline use in remote areas
- Work on features from beginning to end. Help refine User Stories by gathering requirements from stakeholders. Develop software using best in class tools and industry best practices. Be responsible for testing software you've written manually and through automation scripts. Take part in releasing the software into production
- Be an integral part of the software team. Work alongside our more seasoned team members in a collaborative Scrum/Agile environment
- Stay curious and keep an open mind for new technologies and ideas

## About You

- You are a Computer Science or Engineering student in 3rd year or higher
- You love to be challenged and have the willingness to adapt to future technology
- You are comfortable with at least one modern programming language such as C#, Java, or equivalent
- You have working knowledge of HTML, CSS, and JavaScript
- You have a basic understanding of databases such as MS SQL, MySQL

We are an equal opportunity employer and are committed to diversity & inclusion. We encourage all qualified candidates to apply.

## Works Cited

“BGC Engineering Inc.” *UBC Science Co-op*, 2022.

[https://canvas.ubc.ca/courses/92618/pages/module-1-intro-to-co-op-resume-and-cover-letter-writing-computer-science?module\\_item\\_id=3801192](https://canvas.ubc.ca/courses/92618/pages/module-1-intro-to-co-op-resume-and-cover-letter-writing-computer-science?module_item_id=3801192). April 1<sup>st</sup>, 2022.

April 2nd, 2022

BGC Engineering  
980 Howe St  
Vancouver, BC V6Z 0C8

Re: Web & Mobile QA Tester Co-op

Dear Hiring Committee,

BGC Engineering is committed to providing geoscience-related services and solving geoscience challenges worldwide. I am very impressed with the BGC's geohazard management web platform and app, Cambio. It provides clients with the support and services they need, backed by many data and geoscientists. I have worked independently on projects in Java, from planning user stories to implementing all its features, which at the same time has honed my Junit test skills. I have data analysis and visualization experience in Python, R and MySQL. It would be my pleasure to design or improve the Cambio app. In addition, I appreciate the company's core values of teamwork, curiosity, effective communication, and confidence in integrating with team.

This semester, I designed an app for restaurant managers managing restaurant members in Java. Through the process, I experienced most parts of the Life Cycle of Software Development. From planning, analysis, design, implementation to testing. I drafted the user stories and designed the ui model to code the test packages. First contact with object-oriented programming is a super challenging task, but I finished it successfully after constantly self-debugging and learning.

I have strong interpersonal communications ability. Working as an office admin assistant for a travel company, I met industry partners and service suppliers from multiple backgrounds. And as the one who plans the trip, being attentive to details is another required skill. I enjoy working with teams listening to others and learning from them. Every collaboration is a treasure for me.

Working for BGC is an opportunity I would love to dedicate myself to wholeheartedly. And I am confident that the skills I developed in previous experience have prepared me for this opportunity and make me a great candidate for this opening. It would be great if we could meet and share more about myself.

Sincerely,  
Han Li.

HAN LI  
1488 West 46<sup>th</sup> Avenue  
Vancouver, BC V7C 3W2  
Phone: 778-636-0601  
Email: [hl6344@mun.ca](mailto:hl6344@mun.ca)

### **Objective**

Web & Mobile QA Tester Co-op.

### **Qualifications**

Programming language includes Java, Python, R and MySQL. JUnit testing, JSON, Java Swing and IntelliJ.

### **Education**

**Bachelor of Computer Science** (2<sup>nd</sup> Degree) Sep 2021 – Present  
University of British Columbia, Vancouver, BC

**International Bachelor of Business Administration** (Honors) - CGPA:3.76/4 Sep 2015-April 2017  
Memorial University of Newfoundland, St. John's, NL

**Bachelor of Arts (English: Culture and Communication)** Jul 2015  
Dalian University of Foreign Languages, Dalian, China (joint degree with Memorial University of Newfoundland)  
Honors: Continuously 4 terms of scholarships (Top 10% in major)

### **Experience**

**Office Admin Assistant**, NTS International Group, Richmond July 2017 - Apr 2020

- Participated in business strategic planning for markets including China, Singapore and Taiwan; manage correspondence, corporate documents, suppliers and industry partners, and office supplies inventory

**Accountant Assistant Intern**, Shenyang Industrial Installation Engineering., Shenyang, China August 2015

- Assisted in full cycle accounting, in preparing month-end analysis of cost, variances and related reports; collaborate with other departments and provide operational and financial support and analysis

### **Activities**

**Volunteer** at Long Term Care Facilities in St. John's, NL, Canada, Sep 2015

**Teaching Assistant** at Dalian University of Foreign Languages, Dalian, Liaoning, China

- European Culture, Sep 2014 - Jan 2015; American History and Culture, Sep 2013 - Jan 2014

### **References And Writing Portfolio**

Available on request

## Reference Letter Request 1

1488 West 46<sup>th</sup> Avenue  
Vancouver, BC V7C 3W2

April 2<sup>nd</sup>, 2022

Koray Keskin  
6363 Agronomy Rd  
Vancouver, BC V6T 1Z4

Dear Koray,

Hope you are doing well! I am currently applying for an internship at BGC Inc as a Web & Mobile QA Tester. The job aligns with my career ambitions and goals, and the internship begins in the coming September. I have to provide three references, and I wonder if I could list you as one of them.

BGC Engineering Inc. (BGC) is an international consulting firm that provides professional services in applied earth sciences. They hope to find employees with basic programming knowledge and skills who are willing to accept challenges and integrate with teams.

It was enjoyable to be your partner for Data Science100 last semester. Our pulsar project required team members to jointly determine the project question, deal with the dataset, draft the proposal, and finish the project report using R. During the project, we collaborated and achieved A+. As my group partner, you know my professional ability, learning ability and teamwork. Therefore, you are in a good position to provide some insight for my potential employer. It would be very much appreciated if you could kindly become one of my references.

If you can write this reference letter, please allow me to send more information. If you have any further questions, please feel free to email me at [hl6344@mun.ca](mailto:hl6344@mun.ca). Thank you very much for your time and consideration.

Yours sincerely,

Han Li

## Reference Letter Request 2

1488 West 46<sup>th</sup> Avenue  
Vancouver, BC V7C 3W2

April 2<sup>nd</sup>, 2022

Yu-Shan Tseng  
8866 Odlin Crescent  
Richmond, BC V6X 4G4

Dear Shan,

I hope this email finds you well. I am currently applying for an internship at BGC Inc as a Web & Mobile QA Tester. The job aligns my career ambitions and goals, and the internship begins in the coming September. I have to provide three references, and I wonder if I could list you as one of them.

BGC Engineering Inc. (BGC) is an international consulting firm that provides professional services in applied earth sciences. They hope to find employees with basic programming knowledge and skills who are willing to accept challenges and integrate with teams.

We worked together for over three years in NTS, and as my manager, you helped me a lot in my work and witnessed my growth. I enjoyed collaborating with you and other colleagues and believe this internship is a great chance for me to transfer to a new career. You are familiar with my working habits and learning ability. Therefore, you are in a good position to provide some insight for my potential employer. It would be very much appreciated if you could kindly become one of my references.

If you can write this reference letter, please allow me to send more information. If you have any further questions, please feel free to email me at [hl6344@mun.ca](mailto:hl6344@mun.ca). Thank you very much for your time and consideration.

Yours sincerely,

Han Li

### Reference Letter Request 3

1488 West 46<sup>th</sup> Avenue  
Vancouver, BC V7C 3W2

April 2<sup>nd</sup>, 2022

Hattie Xu  
7866 Churchill Street  
Burnaby, BC V9X 3G2

Dear Hattie,

I hope this email finds you well. I am currently applying for an internship at BGC Inc as a Web & Mobile QA Tester. The job aligns with my career ambitions and goals, and the internship begins in the coming September. I must provide three references, and I wonder if I could list you as one of them.

BGC Engineering Inc. (BGC) is an international consulting firm that provides professional services in applied earth sciences. They hope to find employees with basic programming knowledge and skills who are willing to accept challenges and integrate with teams.

We worked together for over two years, and as my colleague, we collaborated with each other and become friends. This internship is an excellent chance for me to transfer to a new career. You are familiar with my working habits and pros. Therefore, you are in a good position to provide some insight for my potential employer. It would be very much appreciated if you could kindly become one of my references.

If you can write this reference letter, please allow me to send more information. If you have any further questions, please feel free to email me at [hl6344@mun.ca](mailto:hl6344@mun.ca). Thank you very much for your time and consideration.

Yours sincerely,

Han Li